

EXHIBIT 6

FORCE MAJEURE NOTICE
ARECIBO MUNICIPAL LANDFILL
NOVEMBER 9, 2017



Land-Tech

LANDFILL TECHNOLOGIES OF ARECIBO, LLC

November 9, 2017

Donald G. Frankel
Senior Counsel
Environmental Enforcement Section, Department of Justice
Suite 616
One Gateway Center
Newton, MA 02458
donald.frankel@usdoj.gov

RE: FORCE MAJEURE
UNITED STATES V. LANDFILL TECHNOLOGIES OF ARECIBO CORP.
CONSENT DECREE CIVIL NO. 3:14-CV-01438
DOJ CASE NO. 90-5-2-109629

On May 2014, Landfill Technologies of Arecibo Corp., (LandTech Arecibo) signed a Consent Order with the U.S. Department of Justice related to the Arecibo Landfill, **CONSENT DECREE CIVIL NO. 3:14-CV-01438; DOJ CASE NO. 90-5-2-1-109629**, signed and executed between the Municipality of Arecibo, the Puerto Rico Land Authority, the U.S. Department of Justice (DOJ), the U.S. Environmental Protection Agency (EPA) and LandTech Arecibo. On September 20th, 2017 Hurricane Maria hit Puerto Rico as a Category 4 Hurricane. The Arecibo Landfill (the, Facility) laid on Hurricane Maria direct catastrophic trajectory, see Figure 1.

Consequently, all municipalities in Puerto Rico suffered extensive damages. To date, still the majority of the Island is without electric power, without potable water and other basic services. Even today most of the island telecommunications services such as land phones, cellular services and internet are intermittent and unreliable. Devastation is wide spread and recovery efforts are extremely slow.

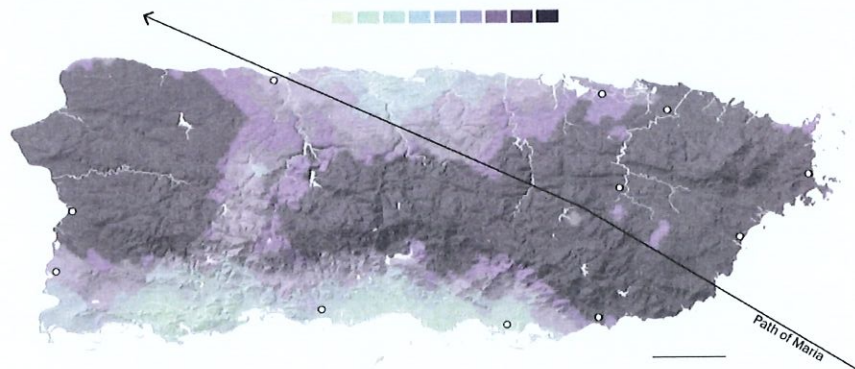


Figure 1. Hurricane Maria Path, Color intensity, signifies average precipitation intensity

As soon as communications allowed, Eng. Carl Plöss (EPA Region 2) was notified by Eng. José C Zayas that the Facility had suffered significant damages, the main initial problems reported were: no vehicle access to the Facility, as state roads were closed for two (2) days, diesel shortages for various weeks, total lack of communications with employees and contractors, closed suppliers, the airports and seaports were closed for days and ongoing rescue missions for weeks.

Since Hurricane Maria LandTech Arecibo's personnel have performed several inspections to the Facility and started conducting repair work. Due to the effects of Hurricane Maria, LandTech Arecibo hereby submits a formal Notice to the DOJ/EPA informing that some delays were experience related to the following Consent Decree activities;

Security: Continuous Maintenance of perimeter fences shall be delayed due to limited access for heavy equipment and due to the soil over saturation (see fence damage photos, Attachment I). The perimeter fence shall be repaired once the access is reestablished, LandTech Arecibo expects to complete the repairs within the next thirty (30) days.

Pathogen Control: After the Hurricane the out of site borrow pit ("quarry") used for providing daily cover was closed. Diesel fuel was extremely scarce and principally used for rescue missions and to run emergency response agencies generators. Since Hurricane Maria, dump trucks are being used primarily to remove hurricane generated debris. Although access to daily cover sources was limited, supply of daily cover has already returned to normal. See Attachment II, where you'll find the current daily cover application photos.

Stormwater and Leachate Management: Excessive run-off from the Hurricane Maria extensive rains and subsequent precipitation events, damaged some components of the Stormwater Pollution Prevention Control System installed along to the boundary of the landfill, which were found to be severed and/or detached. LandTech Arecibo expects to fix this within sixty (60) days. Intermediate cover placed along the northern slope suffered erosion due to concentrated run-off from diversion berms failures. Saturated soil conditions of the perimeter have delayed the intermediate cover repair. LandTech Arecibo expects to start repairs within the next thirty (30) days, as we are currently experiencing an extended period of rain pursuant to a . Sedimentation components need replacement and/or cleaning; access road soil saturation has delayed this work. Land Tech Arecibo expects normal maintenance activities to resume within the next 30 days. At the Attachment III, you will find the photos of the Rain Event Log, silt fence damage, access road conditions and hay bales damage.

As previously mentioned, along entire landfill perimeter side slopes, Hurricane Maria run-off has impacted the intermediate cover. This has produced increasing air intrusion into the deposited and covered waste mass and created some leachate seepages at the toe of the side slopes. Limited access by heavy equipment due to soil saturation has delayed LandTech Arecibo efforts to make the necessary repairs. These conditions will need further evaluation by LandTech Arecibo and assistance by EPA, as these repairs will negatively impact the financial condition of the Arecibo Landfill. As of today, Landtech Arecibo does not have an estimate for the repairs of the intermediate cover. Economically feasible alternative cover remedies are being evaluated. See photos of the side slope damage and impacted access road by leachate at the Attachment III.

Groundwater Monitoring: The Arecibo landfill has five (5) groundwater wells. In October, 2017, all the wells were monitored except the well No. 2 (W-2), which is located in a zone that was flooded due the rainfall associated to the Hurricane Maria. LTC expects to have adequate access to the well within the

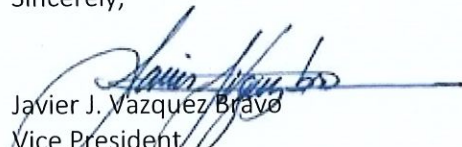
next forty-five (45) days to monitor well No. 2. The labeling of the monitoring groundwater wells were damaged, LandTech Arecibo expects to replace well labeling within the next forty-five (45) days. See Well #2 area photo at the Attachment IV.

Gas Collection and Control System (GCCS): Hurricane Maria winds and heavy rains impacted the GCCS' regular operations. Collection pipes, control equipment and wells were damaged by the winds and the intermediate cover suffered extensive erosion (see GCCS damage photos, Attachment V). The electric equipment protection system shut the system down on the September 20, 2017. As soon as the employees got access to the Landfill, GCCS recovery efforts began.

The GCCS was successfully brought back online on October 20, 2017. Low methane concentrations and high oxygen intrusion caused by header, lateral and intermediate cover damages the system is the main reason why the GCCS is currently operating intermittently. Regular well condition monitoring shall resume once the GCCS operations is stabilized. Saturated soil condition at the side slopes and access roads, where the GCCS headers and laterals are located, have delayed the system repairs. LandTech Arecibo expects to get the system back to pre Hurricane Maria conditions within the next ninety (90) days, subject to the air infiltration effect on the perimeter wells.

LandTech Arecibo reiterates that the Arecibo Landfill was on the direct path of Hurricane Maria, causing severe damage to the Facility's intermediate cover. The Arecibo landfill, although operated by LandTech Arecibo, is owned by the Municipality of Arecibo and sits on public lands. Consequently, LandTech Arecibo requests EPA assistance and collaboration in coordinating and setting up a meeting with FEMA and or US Army Corps of Engineers officials to explore the possibility of obtaining public assistance funds for implementing the intermediate cover repairs as part of the recovery efforts being implemented in Puerto Rico.

Sincerely,


Javier J. Vazquez Bravo
Vice President
Landfill Technologies LLC

C/c: Carolina Jordan-Garcia, Esq.
US Environmental Protection Agency, Region 2
Office of Regional Counsel
City View Plaza II, Suite 7000
45 Road 165
Guaynabo, PR 00968-8069
jordan-garcia.carolina@epa.gov

ATTACHMENT I
Security

Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Security

Description:

Perimeter fence

Photo No.: 1



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Security

Description:

Perimeter fence damage

Photo No.: 2



ATTACHMENT II

Pathogen Control

Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Pathogen Control

Description:

Active cell

Photo No.: 1



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

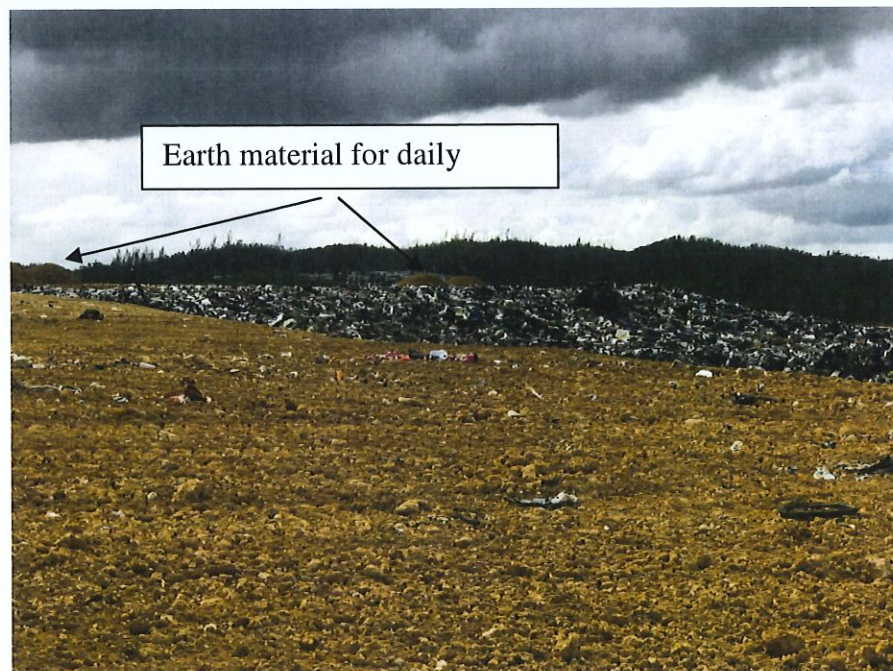
Section:

Pathogen Control

Description:

Earth material available
for daily cover.

Photo No.: 2



ATTACHMENT III

Stormwater and Leachate Management

Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Stormwater and Leachate
Management

Description:

Silt fence damage

Photo No.: 1



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Stormwater and Leachate
Management

Description:

Side slope damage
impacted by runoff.

Photo No.: 2



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Stormwater and Leachate
Management

Description:

Soil saturation by leachate
seepage.

Photo No.: 3



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Stormwater and Leachate
Management

Description:

Hay bale damage

Photo No.: 4



Landfill Technologies of Arecibo, LLC
Sistema de Relleno Sanitario de Arecibo

	Fecha del evento (d/m/a)	Hora del evento	Duración del evento	Pulgadas de precipitación (Entrada Jornada ¹)	Pulgadas de precipitación (Salida Jornada ²)
1	1/9/2017			0	
2	2/9/2017			.04	
3	3/9/2017				
4	4/9/2017			.76	
5	5/9/2017			.06	
6	6/9/2017			.1	
7	7/9/2017			0	
8	8/9/2017			1.75	.04
9	9/9/2017				
10	10/9/2017				
11	11/9/2017			0	
12	12/9/2017			0	
13	13/9/2017			0	
14	14/9/2017			0	
15	15/9/2017			0	
16	16/9/2017			.48	
17	17/9/2017				
18	18/9/2017			0	
19	19/9/2017				.5
20	20/9/2017				
21	21/9/2017				
22	22/9/2017				
23	23/9/2017				
24	24/9/2017				
25	25/9/2017			+6	
26	26/9/2017			0	
27	27/9/2017			0	
28	28/9/2017			.02	
29	29/9/2017			0	
30	30/9/2017			0	



¹ En la entrada de la jornada se reportará la precipitación de lluvia fuera de horas laborables. Es decir, desde que finaliza la jornada del día anterior hasta la hora de entrada del siguiente día.

² Pulgadas de lluvia reportadas durante horas laborables.

Landfill Technologies of Arecibo, LLC
Sistema de Relleno Sanitario de Arecibo

	Fecha del evento (d/m/a)	Hora del evento	Duración del evento	Pulgadas de precipitación (Entrada Jornada¹)	Pulgadas de precipitación (Salida Jornada²)
1	1/10/2017				
2	2/10/2017			0	
3	3/10/2017			0	
4	4/10/2017			.04	
5	5/10/2017			0	
6	6/10/2017			0	
7	7/10/2017				
8	8/10/2017				
9	9/10/2017			0	
10	10/10/2017			1.5	.04
11	11/10/2017			.08	
12	12/10/2017			0	
13	13/10/2017			.75	
14	14/10/2017				
15	15/10/2017				
16	16/10/2017			.1	
17	17/10/2017			.60	.15
18	18/10/2017			0	
19	19/10/2017			0	
20	20/10/2017			0	
21	21/10/2017				
22	22/10/2017				
23	23/10/2017			.30	
24	24/10/2017			0	
25	25/10/2017			0	
26	26/10/2017			0	
27	27/10/2017			.06	
28	28/10/2017				
29	29/10/2017				
30	30/10/2017			.02	
31	31/10/2017			.4	

En la entrada de la jornada se reportará la precipitación de lluvia fuera de horas laborables. Es decir, desde que comienza la jornada del día anterior hasta la hora de entrada del siguiente día.
 1. Pulgadas de lluvia reportadas durante horas laborables.

Landfill Technologies of Arecibo, LLC
Sistema de Relleno Sanitario de Arecibo

	Fecha del evento (d/m/a)	Hora del evento	Duración del evento	Pulgadas de precipitación (Entrada Jornada ¹)	Pulgadas de precipitación (Salida Jornada ²)
1	1/11/2017			0	
2	2/11/2017			.07	
3	3/11/2017			0	
4	4/11/2017				
5	5/11/2017				
6	6/11/2017			.05	
7	7/11/2017			.10	
8	8/11/2017			.0	
9	9/11/2017				
10	10/11/2017				
11	11/11/2017				
12	12/11/2017				
13	13/11/2017				
14	14/11/2017				
15	15/11/2017				
16	16/11/2017				
17	17/11/2017				
18	18/11/2017				
19	19/11/2017				
20	20/11/2017				
21	21/11/2017				
22	22/11/2017				
23	23/11/2017				
24	24/11/2017				
25	25/11/2017				
26	26/11/2017				
27	27/11/2017				
28	28/11/2017				
29	29/11/2017				
30	30/11/2017				
31	31/11/2017				



¹ En la entrada de la jornada se reportará la precipitación de lluvia fuera de horas laborales. Es decir, desde que finaliza la jornada del día anterior hasta la hora de entrada del siguiente día.

² Pulgadas de lluvia reportadas durante horas laborales.

ATTACHMENT IV
Groundwater Monitoring

Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Groundwater Monitoring

Description:

Labeling of the
monitoring groundwater
wells were damage.

Photo No.: 1



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Groundwater Monitoring

Description:

Labeling of the
monitoring groundwater
wells were damage.

Photo No.: 2



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

Groundwater Monitoring

Description:

During the groundwater monitoring event the well No. 2 (W-2) cannot be sampled, because the area was flooded.

Photo No.: 3



ATTACHMENT V

Gas Collection and Control System (GCCS)

Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Blower System (B-300)

Photo No.: 1



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

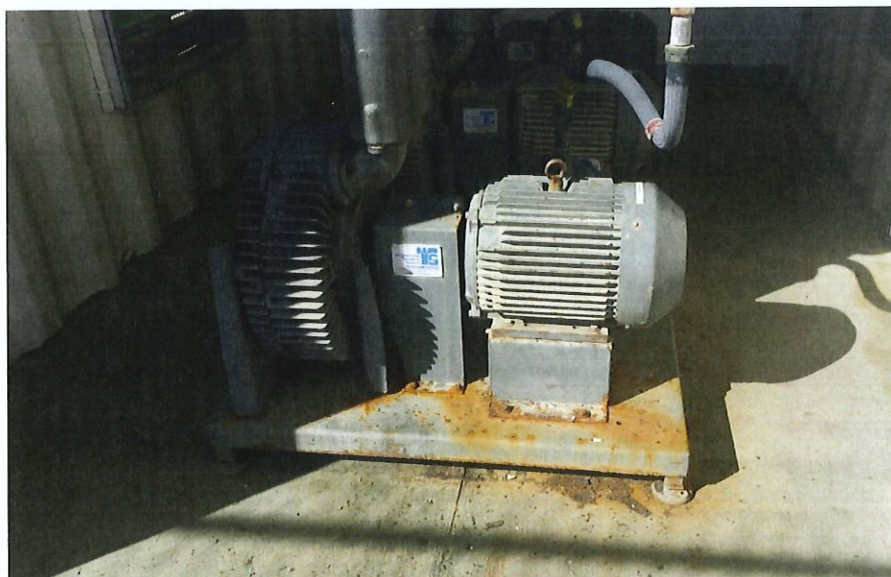
Section:

GCCS

Description:

The water intrusion
caused blower damage.

Photo No.: 2



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Location of the extractor
at the trailer where are the
blower system.

Photo No.: 3



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

The electricity of the
motor of the chiller system
of the GCCS was
damaged by the hurricane.

Photo No.: 4



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Fence damage at the
GCCS area.

Photo No.: 5



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Electrical System for the
instrumentation
(Thermocouples) of the
Flare with a capacity of 10
MMBtu/hr was damaged,
but was repaired.

Photo No.: 6



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Several wells were
damaged and some pipes
were detached by the
winds during the
hurricane.

Photo No.: 7

**Facility Name:**

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Lateral pipes and header
of the GCCS were
detached by the winds
during the hurricane.

Photo No.: 8



Facility Name:

Arecibo Non Hazardous
Solid Waste Landfill

Section:

GCCS

Description:

Lateral pipes and header
of the GCCS were
detached by the winds
during the hurricane.

Photo No.: 9



Graciela V. Lagomarsini

From: Lcdo. Javier J. Vazquez Bravo
Sent: Tuesday, January 30, 2018 1:17 PM
To: Graciela V. Lagomarsini
Subject: FW: United States v. Landfill Technologies of Arecibo Corp.
Attachments: EPA Arecibo Force Majeure Letter Nov 9 2017.pdf

FYI

From: Francis Torres [mailto:ftorres@envirolawpr.com]
Sent: Thursday, November 09, 2017 4:41 PM
To: Frankel, Donald (ENRD)
Cc: Jordan-Garcia.Carolina@epa.gov; Petrucelli.Steven@epa.gov; Lcdo. Javier J. Vazquez Bravo
Subject: RE: United States v. Landfill Technologies of Arecibo Corp.

Don,

Attached please find LandTech Arecibo's report on the damages inflicted by Hurricane Maria to the Arecibo Municipal Sanitary Landfill, as requested. Photos are also attached for your convenience. Hopefully, we can soon convene on having another conference call to explore financial assistance possibilities with FEMA/ USACE for the needed repairs to the intermediate cover that was placed under the Consent Decree at a significant cost. Please let us know of any questions or additional information that may be required.

Thanks,
Francis

From: Frankel, Donald (ENRD) [mailto:Donald.Frankel@usdoj.gov]
Sent: Thursday, October 26, 2017 9:49 AM
To: mguillemard@guillemardlaw.com; respasas@agricultura.pr.gov; alberto ramos <alberto_ramosperez@yahoo.com>; Francis Torres <ftorres@envirolawpr.com>
Cc: Petrucelli, Steven <Petrucelli.Steven@epa.gov>; Jordan-garcia, Carolina <Jordan-Garcia.Carolina@epa.gov>
Subject: United States v. Landfill Technologies of Arecibo Corp.

From: Donald Frankel

To: Monique Guillemard (Arecibo counsel)
Francis Torres (LTA Counsel)
Alberto Ramos (PRLA Counsel)
Rafael M. Espasas Garcia (PRLA representative)

Re: RCRA Obligations Under 2015 Arecibo Landfill Consent Decree

I am writing to you in connection with the RCRA obligations set forth in the Consent Decree approved on March 31, 2015 by the United States District Court for the District of Puerto Rico in United States v. Landfill Technologies of Arecibo Corp. et al., No.